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TMH/YKH:smm 03/11/04

PATENT  
Attorney Reference Number 4630-61733**KLARQUIST SPARKMAN, LLP**16th Floor World Trade Center, 121 S.W. Salmon Street, Portland, Oregon 97204 U.S.A.  
PHONE: 503-226-7391 FAX: 503-228-9446**RECEIVED**  
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**PLEASE DELIVER DIRECTLY TO EXAMINER Sally A. Sakelaris****Fax No.: (703) 872-9306****Total No. Pages:** 7 including this cover sheet

**Message:** Transmitted herewith for filing in the above-identified application is an Amendment. If you do not receive all pages or if you have problems receiving transmittal, please call Sue Milne at (503) 226-7391. The fee (small entity) has been calculated as shown below.

In re application of: Mealey and Bentjen

Application No.: 10/044,671

Filed: January 10, 2002

For: MDR1 VARIANTS AND METHODS FOR THEIR USE

Examiner: Sally A. Sakelaris

Art Unit: 1634

Date: March 11, 2004

**CERTIFICATE OF FACSIMILE**

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Attorney for Applicant

**FEE CALCULATION FOR CLAIMS AS AMENDED**

For	No. after amendment	No. paid for previously	Extra	Rate	Fee
Total Claims	11	- 42*	= 0	\$9.00	\$ 0.00
Indep.	1	- 3**	= 0	\$43.00	\$ 0.00
<b>TOTAL FEE FOR THIS AMENDMENT</b>					<b>\$0.00</b>

\*greater of twenty or number for which fee has been paid. \*\*greater of three or number for which fee has been paid.

 No additional fee is required.Tanya M. Harding, Ph.D.  
Registration No 42,630

cc: Docketing

March 11, 2004

Date

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**PATENT**

Attorney Reference Number 4630-61733  
Application Number 10/044,671

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**OFFICIAL**

**In re application of: Mealey and Bentjen**

**Application No. 10/044,671**

Filed: January 10, 2002

Confirmation No. 9719

**For: MDR1 VARIANTS AND METHODS FOR  
THEIR USE**

**Examiner:** Sally A. Sakelaris

Art Unit: 1634

Attorney Reference No. 4630-61733

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being facsimile transmitted to the UNITED STATES PATENT AND TRADEMARK OFFICE via fax number (703) 872-9306 on the date shown below.

**Attorney  
for Applicant(s)**

Date Mailed March 11, 2004

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## **AMENDMENT AND RESPONSE TO OFFICE ACTION**

This responds to the Office action dated January 13, 2004. This response is being filed within three months from the mailing of the Office action, and therefore no extension fee is required. If the Commissioner determines that a fee is necessary, deposit account authority is provided on the attached transmittal sheet.

Please amend the referenced application as follows:

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this Response.

**Remarks begin on page 4 of this Response.**

The Conclusions are on page 6 of this Response.